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FAX: (503) 274-4622Internet: www.techlaw.com**TO:** BOX PG PUB**FAX:** (703) 305-8568**FROM:** Julie L. Reed, Registration No. 35,349**Date:** December 17, 2002**Our Ref.:** 8371-120 - Request for Correction of Application PublicationNumber of pages (including this one): 5
In case of error in transmission, call: (503) 222-3613**REMARKS:**In re Patent application of: Xiao-Fan Feng, Jon Matthew Speigle,
John Charles Dalrymple and James Zhixin Chang

Confirmation No.: 6325

Serial No.: 09/808,862

Group No.: 2622

Filed: March 14, 2001

Examiner: Not yet known

Title: METHOD AND APPARATUS FOR BACKGROUND ADJUSTMENT
IN COLOR REPRODUCTION DEVICES**NOTICE**

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PATENT APPLICATION
Attorney Do. No. 8371-120

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent application of: Xiao-Fan Feng, Jon Matthew Speigle, John Charles Dalrymple
and James Zhixin Chang

Confirmation No.: 6325

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IN COLOR REPRODUCTION DEVICES

Assistant Commissioner for Patents
Washington, D.C. 20231

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REQUEST FOR CORRECTION OF APPLICATION PUBLICATION

The Application Publication Cover Sheet (Exhibit A) for the above-identified application identifies the third inventor as James Charles Dalrymple.

Applicants' transmittal letter (Exhibit B) forwarding this application to the U.S. Patent and Trademark Office identifies the inventor as John Dalrymple. The inventor's name is John Charles Dalrymple.

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Applicants' Declaration incorrectly identifies the third inventor as James Charles Dalrymple.

Applicants believe this to be a material error and request correction of the Application Publication Cover Sheet to list the third inventor as John Charles Dalrymple.

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.



20575

PATENT TRADEMARK OFFICE

Julie L. Reed

Julie L. Reed

Reg. No. 35,349

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I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
TRANSMITTED TO THE U.S. PATENT AND TRADEMARK OFFICE
VIA FACSIMILE TRANSMISSION TO (703) 305-8568
ON 12-17-02

j. Sullivan
(signature)



US 2002/0159080A1

(19) **United States**(12) **Patent Application Publication**(10) Pub. No.: **US 2002/0159080 A1**

Feng et al.

(43) Pub. Date: **Oct. 31, 2002**

(54) **METHOD AND APPARATUS FOR
BACKGROUND ADJUSTMENT IN COLOR
REPRODUCTION DEVICES**

(75) Inventors: Xiao-Fan Feng, Vancouver, WA (US);
Jon Matthew Speigle, Vancouver, WA
(US); James Charles Dalrymple,
Vancouver, WA (US); James Zhixin
Chang, Vancouver, WA (US)

Correspondence Address:

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Portland, OR 97205 (US)

(73) Assignee: Sharp Laboratories of America, Inc.,
Camas, WA (US)

(21) Appl. No.: 09/808,862

(22) Filed: Mar. 14, 2001

Related U.S. Application Data

(60) Provisional application No. 60/233,909, filed on Sep.
20, 2000.

Publication Classification

(51) Int. Cl.⁷ G06F 15/00; B41J 1/00
(52) U.S. Cl. 358/1.9

(57) **ABSTRACT**

A method for background adjustment. A background lightness level in an original image is estimated. Pixels are then converted to a luminance-chrominance color space. Pixels have lightness levels equal to the background lightness level are mapped to a value corresponding to white as background pixels. Chroma values for the background pixels are compared to a threshold and adjusted as needed, either by adjusting the lightness value or by removing the chrominance values. The luminance-chrominance data is then converted to output space.

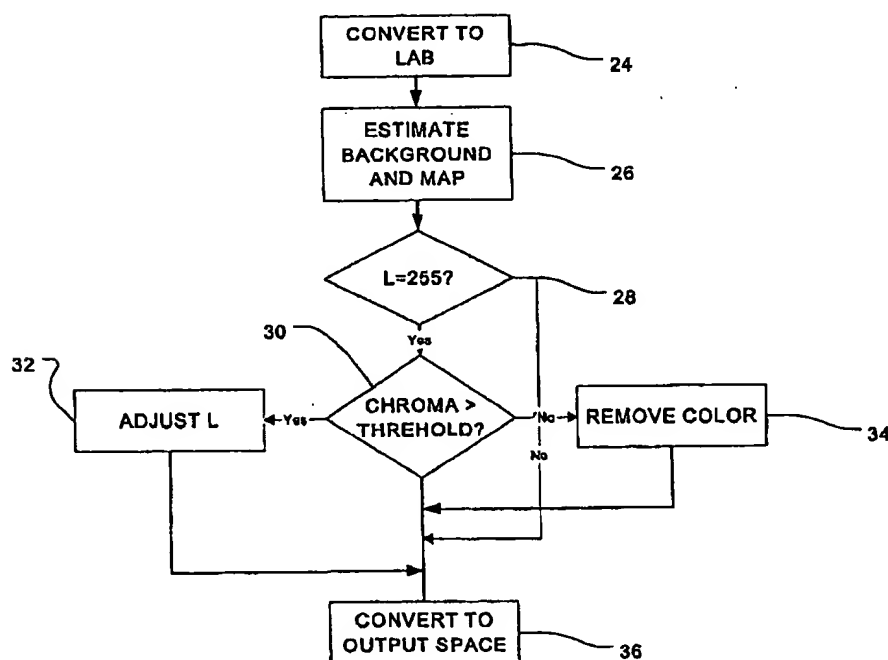
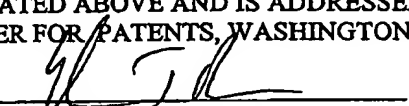


Exhibit A

PATENT APPLICATION
Attorney's Do. No. 8371-120

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL	MAILING LABEL NO. <u>EL 532246777 US</u> DATE OF DEPOSIT: <u>MARCH 14, 2001</u>
I HEREBY CERTIFY THAT THIS PAPER AND ENCLOSURES AND/OR FEE ARE BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO: BOX PATENT APPLICATION, ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON D.C. 20231.	
<u>BHREN RHEA</u> (SENDER'S PRINTED NAME)	 (SIGNATURE)

Box Patent Application
Assistant Commissioner for Patents
Washington, DC 20231

Enclosed for filing is a patent application under 37 CFR 1.53(b) of:

Inventors: Xiao-fan Feng, Jon Speigle, John Dalrymple and James Chang

For: METHOD AND APPARATUS FOR BACKGROUND ADJUSTMENT
IN COLOR REPRODUCTION DEVICES

This application is a ☒ continuation, ☐ divisional, ☐ continuation-in-part of prior application Serial No. 60/233,909 filed September 20, 2000.

Prior application info: Examiner: _____ Group Art Unit _____

Applicant requests FIG. ____ to be published with the application.

Enclosures:

- ☒ Specification (pages 1-7); claims (pages 8-10); abstract (page 11)
- ☒ 4 sheets of FORMAL drawings
- ☒ Declaration or Combined Declaration and Power of Attorney
- ☒ Newly executed (original or copy)
- ☐ Copy from a prior application (37 CFR 1.63(d))
- ☐ Incorporation by Reference--The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- ☐ Deletion of Inventors (signed statement attached deleting inventor(s) named in the prior application (37 CFR 1.63(d)(2) and 1.33(b))
- ☐ Power of Attorney
- ☒ Assignment with cover sheet

Assignee Name and Address: Sharp Laboratories of America, Inc.
5750 N.W. Pacific Rim Boulevard
Camas, Washington 98607

- ☐ Certified copy of priority document
☐ Request for Nonpublication
☒ Information Disclosure Statement with Form PTO 1449
☒ Copies of references listed on attached Form PTO-1449
☐ Preliminary Amendment
☐ Change of Address
☒ Return Postcard

CLAIMS AS FILED				
For	Number Filed	Number Extra	Rate	Basic Fee
Total Claims	19 -20	0	x \$ 18 =	\$710.00
Independent Claims	3-3	0	x \$ 80 =	
Multiple Dependent Claim Fee			x \$270 =	
TOTAL FILING FEE				\$710.00

- ☐ Cancel in this divisional application original claims _____ of the prior application Serial No. _____ before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
☒ A check in the amount of \$750.00 to cover ☒ filing fee (\$710.00) and ☒ assignment recordal fee (\$40.00) is enclosed.
☒ Any deficiency or overpayment should be charged or credited to deposit account number 13-1703. A duplicate copy of this sheet is enclosed.



20575

PATENT TRADEMARK OFFICE

Respectfully submitted,

MARGER JOHNSON
& McCOLLOM, P.C.

Julie L. Reed

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